

Math Grades 3 - 6
Multiplication/Rate, Time, Distance

MA.4.A.1.1
MA.4.A.1.2

Aesop's Fables

“The Hare and the Tortoise”

Aesop

Reading Level: 3.2

Directions:

Given the formula _____ (Distance = Rate \times Time), solve the following problems.

1. Suppose the Hare travels at a rate of 15mph for 2 hours and the tortoise travels at a rate of 3mph for 12 hours. Find the distance traveled by each animal to determine who went the greatest distance, the tortoise or the hare.
2. Suppose the Hare travels at a rate of 10mph for 2 hours and the tortoise travels at a rate of 4mph for 5 hours. Find the distance traveled by each animal to determine who went the greatest distance, the tortoise or the hare.

Solutions:

1. Hare: 15mph \times 2 hours = 30 miles
Tortoise: 3mph \times 12 hours = 36 miles.
The tortoise traveled the greatest distance.
2. Hare: 10mph \times 2 hours = 20 miles
Tortoise: 4mph \times 5 hours = 20 miles.
They both traveled the same distance.